



PATENT
03382-P0031A ELF

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	Alan R. Neuhauser, et al.
Serial No. 09/318,045	Filing Date: May 25, 1999
Title of Application:	Decoding Of Information In Audio Signals
Confirmation No. 9843	Group Art Unit: 2654
Examiner	Martin Lerner

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Assistant Commissioner for Patents
Washington, DC 20231

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Transmittal of Formal Drawings

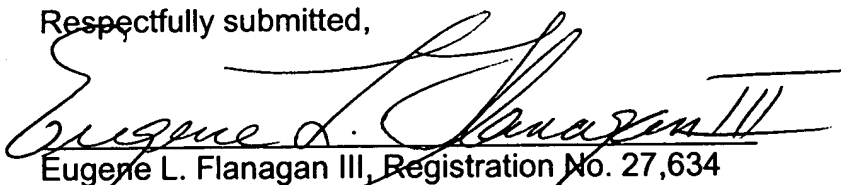
-myr

05/01/03 Dear Sir:

Applicant submits herewith 10 sheets of formal drawings for the subject application.

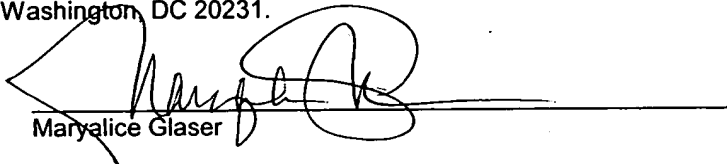
Respectfully submitted,

April 10, 2003


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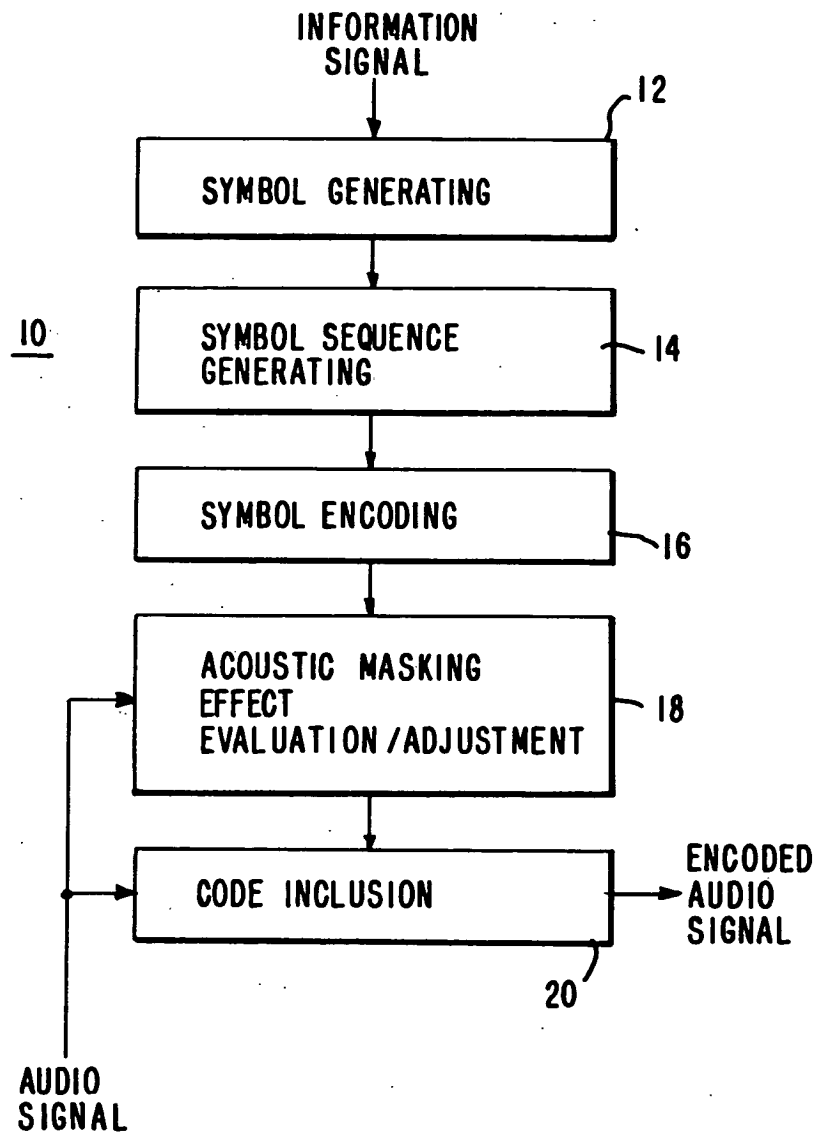
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FIG. 1





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FIG. 2

INFORMATION SIGNAL	SYMBOL
COPYRIGHTED WORK	S ₁
AUTHOR	S ₂
BROADCASTING STATION	S ₃
DATE	S ₄



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FIG. 3A



FIG. 3B

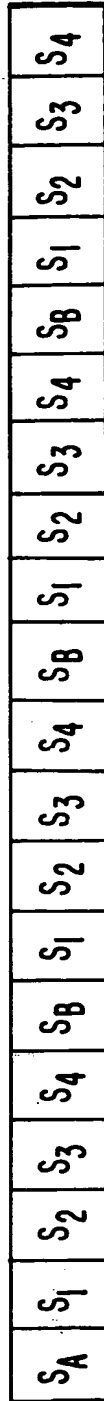


FIG. 3C

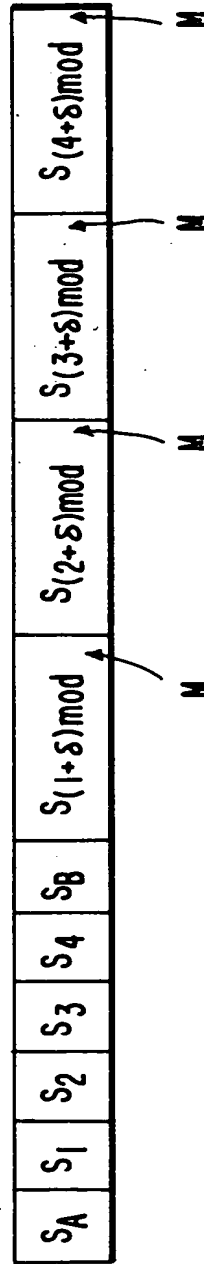




FIG. 4

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		SYMBOL									
FREQUENCY COMPONENT		S_A	S_B	S_1	S_2	S_3	S_4	.	.	S_{N-1}	S_N
	1	f_{1A}	f_{1B}	f_{11}	f_{12}	f_{13}	f_{14}	.	.	$f_{1(N-1)}$	f_{1N}
	2	f_{2A}	f_{2B}	f_{21}	f_{22}	f_{23}	f_{24}	.	.	$f_{2(N-1)}$	f_{2N}
	3	f_{3A}	f_{3B}	f_{31}	f_{32}	f_{33}	f_{34}	.	.	$f_{3(N-1)}$	f_{3N}
	4	f_{4A}	f_{4B}	f_{41}	f_{42}	f_{43}	f_{44}	.	.	$f_{4(N-1)}$	f_{4N}

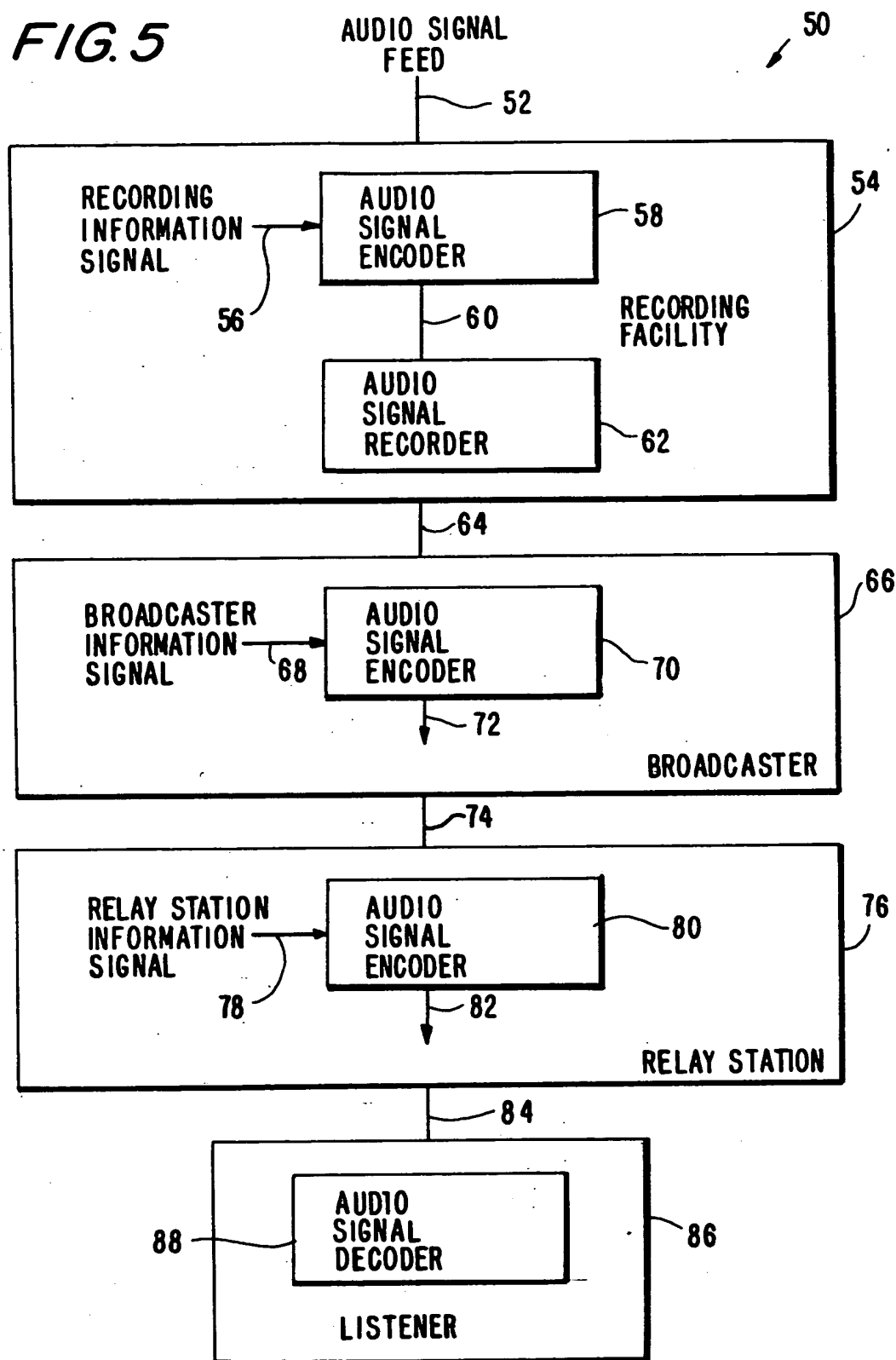
	N-1	$f_{(N-1)A}$	$f_{(N-1)B}$	$f_{(N-1)1}$	$f_{(N-1)2}$	$f_{(N-1)3}$	$f_{(N-1)4}$.	.	$f_{(N-1)(N-1)}$	$f_{(N-1)N}$
	N	f_{NA}	f_{NB}	f_{N1}	f_{N2}	f_{N3}	f_{N4}	.	.	$f_{N(N-1)}$	f_{NN}

FREQUENCY
COMPONENT



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FIG. 5





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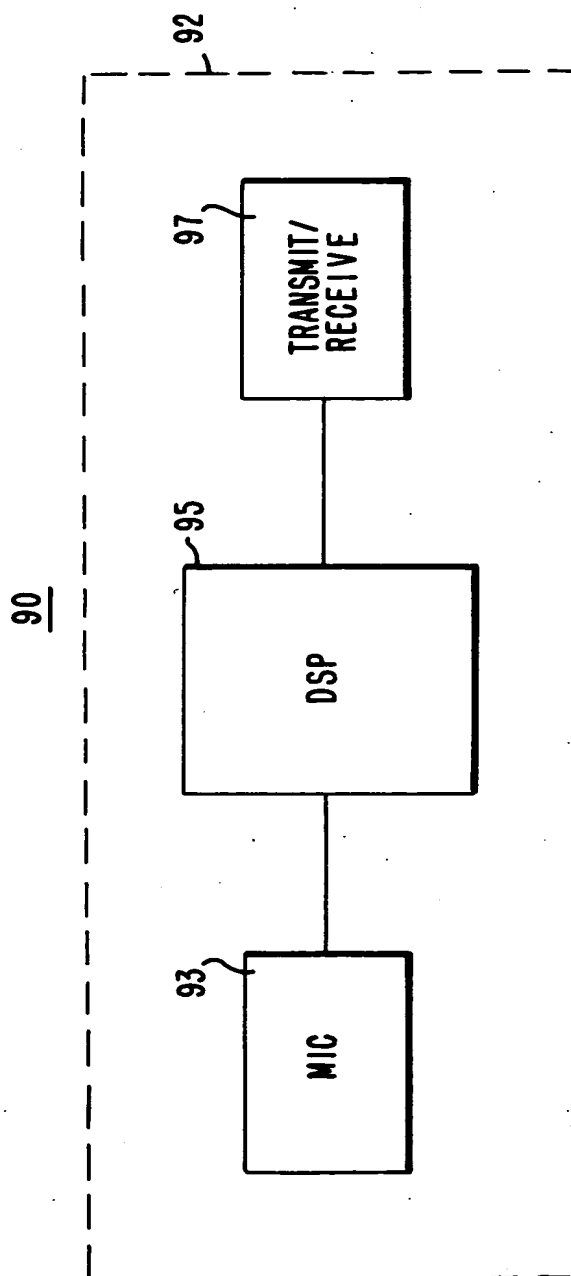


FIG. 6



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FIG. 7

100

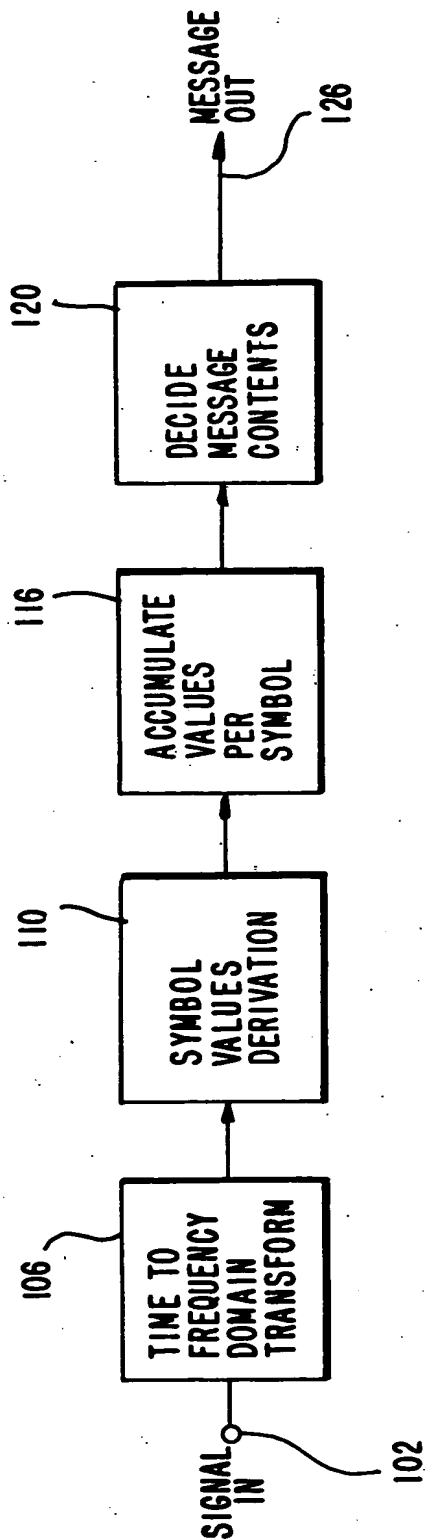
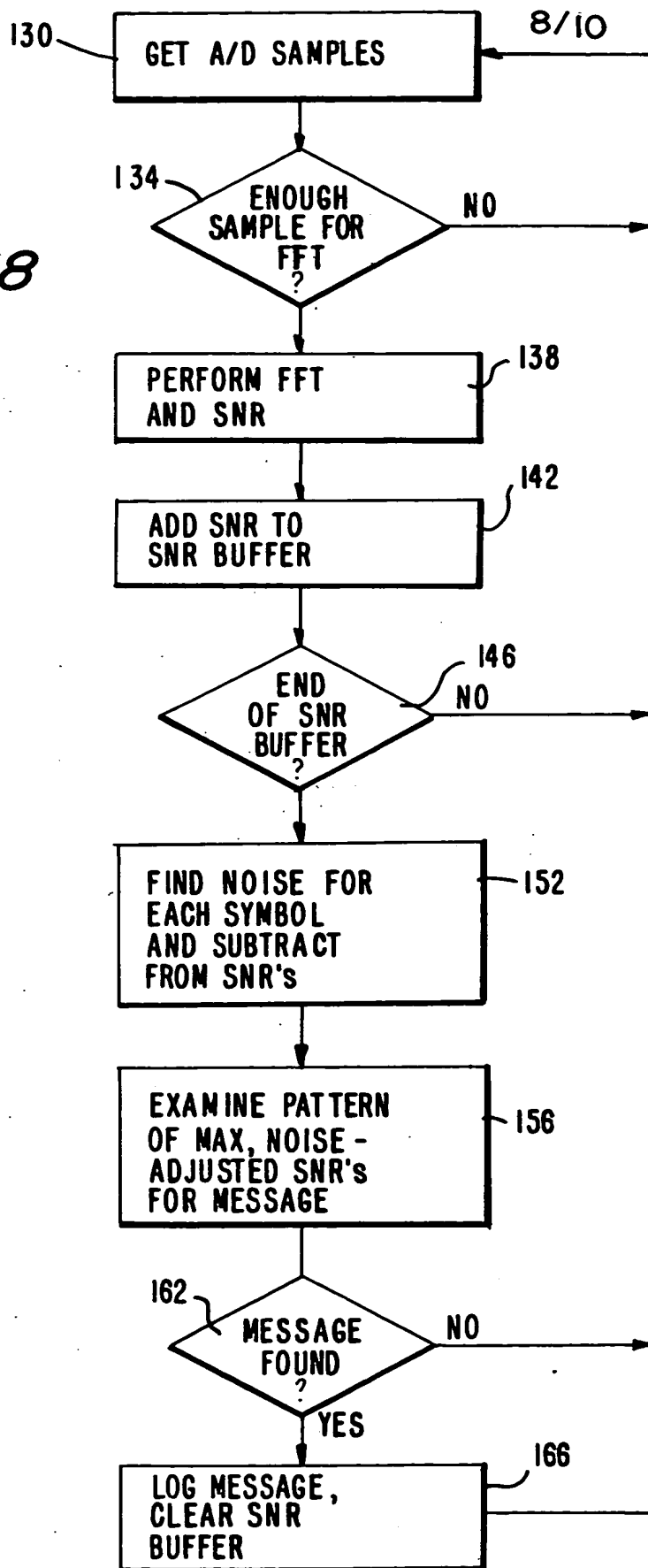




FIG. 8





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FIG. 9

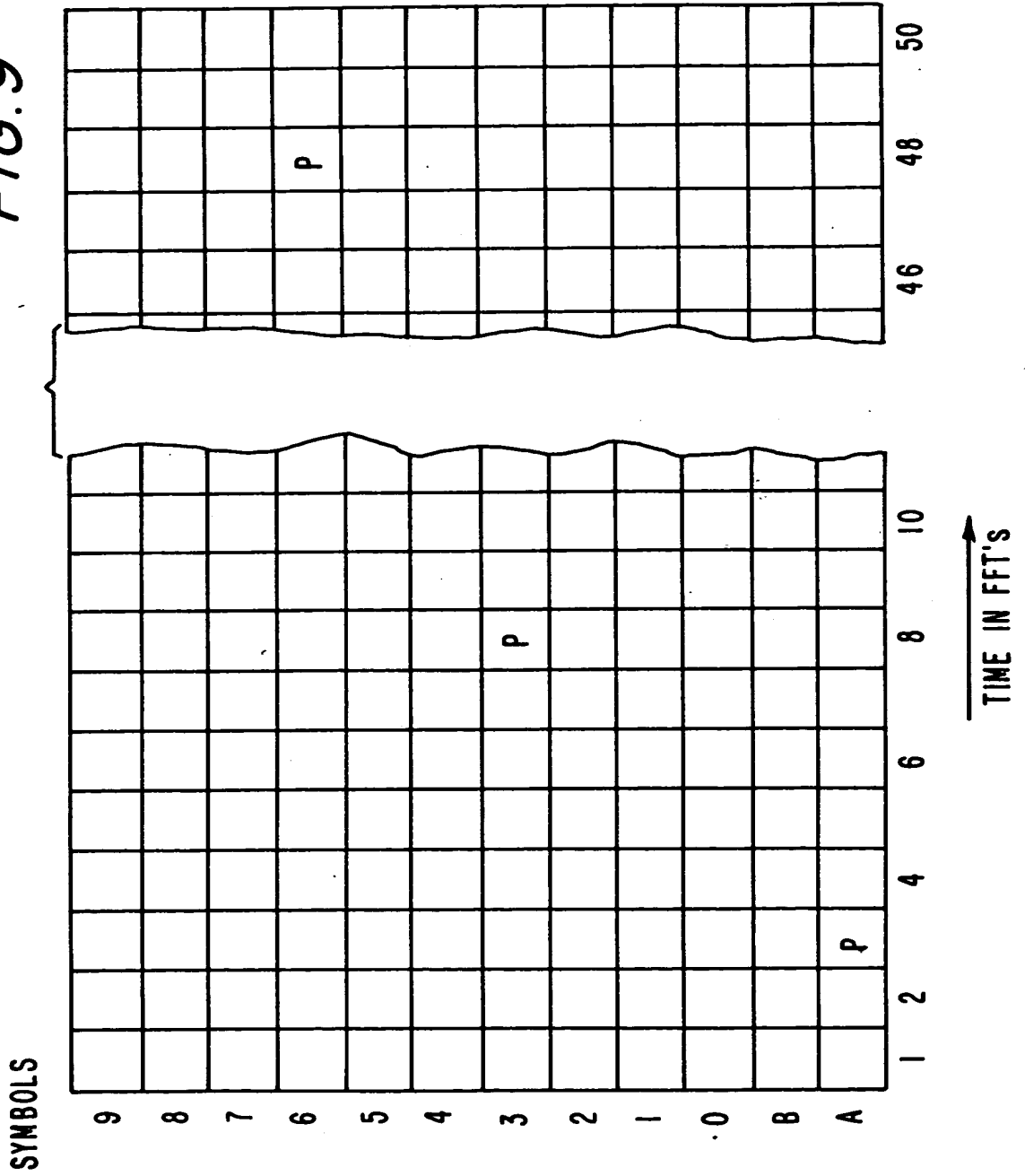


FIG. 10

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